

IN THE CLAIMS:

Please amend claims 6-8, 17-20 and 31-33 to read as follows:

6. The method of claim 1, further comprising:
displaying a gray element having red, green and blue values substantially equal to the color value of the selected green element with the display device;
displaying a plurality of red-blue shifted gray elements having a green value substantially equal to the color value of the selected green element and green and blue values shifted from the color value of the selected green element with the display device;
selecting one of the gray element and the plurality of red-blue shifted gray elements displayed by the display device that appears to most closely blend with a dithered gray background displayed by the display device; and
estimating the gray balance of the display device based on the selected one of the gray element or selected red-blue shifted gray element.

7. The method of claim 6, wherein the red-blue shifted gray elements represent shifts in red, blue, or a combination of red and blue away from the color value of the gray element.

8. The method of claim 6, wherein the red-blue shifted elements do not represent any substantial shift in green away from the color value of the gray element.

17. The system of claim 15, wherein the color profiling process includes:
displaying a gray element having red, green and blue values substantially equal to the color value of the selected green element with the display device;
displaying a plurality of red-blue shifted gray elements having a green value substantially equal to the color value of the selected green element and green and blue values shifted from the color value of the selected green element with the display device;

estimating the gray balance of the display device by selecting one of the gray element and the plurality of red-blue shifted gray elements displayed by the display device that most closely blends with a dithered gray background displayed by the display device;

generating a color profile for the display device based on the estimated gamma and the estimated gray balance; and

modifying the color image for the display device using the color profile.

18. The system of claim 15, wherein the color profiling process includes:

displaying a gray element having red, green and blue values substantially equal to the color value of the selected green element with the display device;

displaying a plurality of red-blue shifted gray elements having a green value substantially equal to the color value of the selected green element and green and blue values shifted from the color value of the selected green element with the display device;

selecting one of the gray element and the plurality of red-blue shifted gray elements displayed by the display device that appears to most closely blend with a dithered gray background displayed by the display device; and

estimating the gray balance of the display device based on the selected one of the selected gray element or selected red-blue shifted gray element.

19. The system of claim 18, wherein the red-blue shifted gray elements represent shifts in red, blue, or a combination of red and blue away from the color value of the gray element.

20. The system of claim 18, wherein the red-blue shifted gray elements do not represent any substantial shift in green away from the color value of the gray element.

31. The computer-readable medium of claim 26, wherein the instructions cause the processor to:

display a gray element having red, green and blue values substantially equal to the color value of the selected green element with the display device;

display a plurality of red-blue shifted gray elements having a green value substantially equal to the color value of the selected green element and green and blue values shifted from the color value of the selected green element with the display device;

select one of the gray element and the plurality of red-blue shifted gray elements displayed by the display device that appears to most closely blend with the dithered gray background displayed by the display device; and

estimate the gray balance of the display device based on the selected one of the gray element or selected red-blue shifted gray element.

32. The computer-readable medium of claim 31, wherein the red-blue shifted gray elements represent shifts in red, blue, or a combination of red and blue away from the color value of the gray element.

33. The computer-readable medium of claim 31, wherein the red-blue shifted gray elements do not represent any substantial shift in green away from the color value of the gray element.

REMARKS

This Amendment is responsive to the Office Action mailed October 24, 2002. Applicants have amended claims 6-8, 17-20 and 31-33. Applicants have also amended the specification to correct a claim or priority. Claims 1-40 remain pending in this application. A version of the amended claims showing changes pursuant to 37 CFR § 1.121(c)(ii) is attached. In the attached version of the amended claims, Applicants have used underlines to indicate inserted matter and strikeouts to indicate deleted matter.

Objection to Disclosure

The Examiner objected to the disclosure on the basis of perceived informalities. Applicants respectfully traverse the objections.

The Examiner noted that item numbers in parentheses at page 25, lines 3-8, of the specification do not appear in the drawings and therefore should be removed. However, item